

APPARATUS, SYSTEM AND METHOD FOR FLUID DELIVERY

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] The present application Continuation of U.S. patent application Ser. No. 12/649,681, filed Dec. 30, 2009, now U.S. Pat. No. 10,188,787, issued Jan. 29, 2019 and entitled Apparatus, System and Method for Fluid Delivery (Attorney Docket No. G85) which is a Non-Provisional Patent Application, and which is hereby incorporated herein by reference in its entirety, which claims priority from the following U.S. Provisional Patent Applications, each of which is hereby incorporated herein by reference in its entirety:

[0002] U.S. Provisional Patent Application Ser. No. 61/142,042, filed Dec. 31, 2008 and entitled Method, System and Apparatus for Verification of Volume and Pumping (Attorney Docket No. G78); and U.S. Provisional Patent Application Ser. No. 61/225,794, filed Jul. 15, 2009 and entitled Infusion Pump Assembly (Attorney Docket No. H48).

[0003] U.S. patent application Ser. No. 12/649,681 is also a Continuation-in-Part of U.S. patent application Ser. No. 12/347,985, filed Dec. 31, 2008, now U.S. Pat. No. 8,491,570, issued Jul. 23, 2013 and entitled Infusion Pump Assembly (Attorney Docket No. G75), which is hereby incorporated herein by reference in its entirety, which application also claims priority from the following U.S. Provisional Patent Applications, all of which are hereby incorporated herein by reference in their entireties:

[0004] U.S. Provisional Patent Application Ser. No. 61/018,054, filed Dec. 31, 2007 and entitled Patch Pump with Shape Memory Wire Pump Actuator (Attorney Docket No. E87);

[0005] U.S. Provisional Patent Application Ser. No. 61/018,042, filed Dec. 31, 2007 and entitled Patch Pump with External Infusion Set (Attorney Docket No. E88);

[0006] U.S. Provisional Patent Application Ser. No. 61/017,989, filed Dec. 31, 2007 and entitled Wearable Infusion Pump with Disposable Base (Attorney Docket No. E89);

[0007] U.S. Provisional Patent Application Ser. No. 61/018,002, filed Dec. 31, 2007 and entitled Patch Pump with Rotational Engagement Assembly (Attorney Docket No. E90);

[0008] U.S. Provisional Patent Application Ser. No. 61/018,339, filed Dec. 31, 2007 and entitled System and Method for Controlling a Shape-Memory Actuator (Attorney Docket No. E91);

[0009] U.S. Provisional Patent Application Ser. No. 61/023,645, filed Jan. 25, 2008 and entitled Infusion Pump with Bolus Button (Attorney Docket No. F49);

[0010] U.S. Provisional Patent Application Ser. No. 61/101,053, filed Sep. 29, 2008 and entitled Infusion Pump Assembly with a Switch Assembly (Attorney Docket No. F73);

[0011] U.S. Provisional Patent Application Ser. No. 61/101,077, filed Sep. 29, 2008 and entitled Infusion Pump Assembly with a Tubing Storage (Attorney Docket No. F74);

[0012] U.S. Provisional Patent Application Ser. No. 61/101,105, filed Sep. 29, 2008 and entitled Improved Infusion Pump Assembly (Attorney Docket No. F75); and

[0013] U.S. Provisional Patent Application Ser. No. 61/101,115, filed Sep. 29, 2008 and entitled Filling Apparatus and Methods for an Infusion Pump Assembly (Attorney Docket No. G08).

[0014] U.S. patent application Ser. No. 12/649,681 is also a Continuation-in-Part of U.S. patent application Ser. No. 12/347,982, filed Dec. 31, 2008, now U.S. Pat. No. 9,526,830, issued Dec. 27, 2016 and entitled Wearable Pump Assembly (Attorney Docket No. G76), which is hereby incorporated herein by reference in its entirety, which application also claims priority from the following U.S. Provisional Patent Applications, all of which are hereby incorporated herein by reference in their entireties:

[0015] U.S. Provisional Patent Application Ser. No. 61/018,054, filed Dec. 31, 2007 and entitled Patch Pump with Shape Memory Wire Pump Actuator (Attorney Docket No. E87);

[0016] U.S. Provisional Patent Application Ser. No. 61/018,042, filed Dec. 31, 2007 and entitled Patch Pump with External Infusion Set (Attorney Docket No. E88);

[0017] U.S. Provisional Patent Application Ser. No. 61/017,989, filed Dec. 31, 2007 and entitled Wearable Infusion Pump with Disposable Base (Attorney Docket No. E89);

[0018] U.S. Provisional Patent Application Ser. No. 61/018,002, filed Dec. 31, 2007 and entitled Patch Pump with Rotational Engagement Assembly (Attorney Docket No. E90);

[0019] U.S. Provisional Patent Application Ser. No. 61/018,339, filed Dec. 31, 2007 and entitled System and Method for Controlling a Shape-Memory Actuator (Attorney Docket No. E91);

[0020] U.S. Provisional Patent Application Ser. No. 61/023,645, filed Jan. 25, 2008 and entitled Infusion Pump with Bolus Button (Attorney Docket No. F49);

[0021] U.S. Provisional Patent Application Ser. No. 61/101,053, filed Sep. 29, 2008 and entitled Infusion Pump Assembly with a Switch Assembly (Attorney Docket No. F73);

[0022] U.S. Provisional Patent Application Ser. No. 61/101,077, filed Sep. 29, 2008 and entitled Infusion Pump Assembly with a Tubing Storage (Attorney Docket No. F74); U.S. Provisional Patent Application Ser. No. 61/101,105, filed Sep. 29, 2008 and entitled Improved Infusion Pump Assembly (Attorney Docket No. F75); and

[0023] U.S. Provisional Patent Application Ser. No. 61/101,115, filed Sep. 29, 2008 and entitled Filling Apparatus and Methods for an Infusion Pump Assembly (Attorney Docket No. G08).

[0024] U.S. patent application Ser. No. 12/649,681 is also a Continuation-in-Part of U.S. patent application Ser. No. 12/347,984, filed Dec. 31, 2008, now U.S. Pat. No. 8,414,563, issued Apr. 9, 2013 and entitled Pump Assembly With Switch (Attorney Docket No. G79), which is hereby incorporated herein by reference in its entirety, which application also claims priority from the following U.S. Provisional Patent Applications, all of which are hereby incorporated herein by reference in their entireties:

[0025] U.S. Provisional Patent Application Ser. No. 61/018,054, filed Dec. 31, 2007 and entitled Patch Pump with Shape Memory Wire Pump Actuator (Attorney Docket No. E87);